Temperature Controlled Soldering Station

User Manual

Part Number: MP740841

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Attention

On first use the soldering iron may produce smoke, this is just grease used in manufacturing burning off. It is not harmful to the product or user.

Specifications:

Votage: 220-240V~ 50Hz
Power: 48W

Features

- Heater: Mica, 160˚C-480˚C
- User-friendly with compact design.
- With a mini drawer on the base to hold the spare parts.
- Temperature set by knob.

Caution

Please note the following safety notes to avoid malfunctions, damage or physical injury:

- Persons with limited physical, sensorial or mental abilities are not allowed to use the unit, unless they are supervised for their safety by a qualified person or are briefed by the responsible person how to use the unit.
- Do not leave packaging materials in the range of children, they may become dangerous toys.
- Do not leave the unit unsupervised while it is turned on. Keep children away while the unit is in use. Do not allow children or people in need of supervision to use the unit.
- Do not continue using the unit after it or its power cord has been damaged.
- Do not run the power cord around sharp edges or over hot surfaces.
- Do not touch any hot surfaces. The soldering tip becomes very hot during operation.
- Be extra careful when using the soldering iron around combustible materials.
- Place the soldering station on a solid, level surface.
- During soldering harmful fumes may escape. Work only in well aired spaces or under a suitable air extraction system.
- Protect your eyes and body from splashing hot solder by wearing suitable protective equipment.
- Turn off the unit and pull the power plug while you are not using the unit or before cleaning. Do not pull on the power cord, always grasp the plug itself.
- Allow the unit to cool down before cleaning or storing.
- Do not use the unit outdoors.
- Do not immerse the unit in liquids of any kind. Do not use the unit to heat plastic or liquids.
- Do not disassemble the unit or try to repair it yourself. It does not contain parts serviceable by you.

Operation

- Unpack the soldering station and check all parts. Damaged parts must not be put into operation.
- Put the holding rack for the soldering iron sideways in the soldering station, wet the cleaning sponge in the sponge rack with water.
- Put the soldering iron in the holding rack
- Place the soldering station on a solid and dry surface
- Connect the mains plug to a socket and turn on the soldering station by using the power switch (I=ON/0=OFF).when turned on, the power switch is lit
- Always put the soldering iron on the holding rack when it is heating up or during breaks from soldering
- Make sure the contracts for soldering on the work place are clean
- Only use solder for electronics. Acidic solder can damage the soldering tip or the work piece
- Regulate the desired temperature of the soldering iron with the adjusting knob.
- The color-coded areas are equal to following temperatures:

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- Yellow≥160°C
- Light Orange 180°C to 350°C
- Deep Orange 350°C to 450°C
- Red≤550°C
- Lower the temperature during breaks, this saves energy and extends the durability of the soldering tip.
- Wait about 10 minutes until the soldering tip reaches the adjusted temperature, test the temperature by touching the soldering tip with solder, if the solder melts away easily you can start soldering.
- Tin the hot soldering tip with solder; wipe off excessive solder on the wet cleaning sponge.
- Heat up the soldering location with the soldering tip and add solder.
- Let the soldering point cool down.
- Clean the soldering tip on the wet sponge after each soldering
- After finishing the soldering, put back the soldering iron in the rack and turn off the soldering Station at the main switch.
- Do not file off the soldering tip, or it will be damaged.
- Never touch the hot soldering tip.
- Let the soldering iron cool down after use.
- The soldering iron should not be dunked into water
- During breaks, the soldering iron has to be placed in the holding rack.

Maintenance

This tool must be placed on its stand when not in use.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

Tip replacement

Note: Tip replacement or cleaning should be done only when the iron is at room temperature or below. The tip can be changed or replaced simply by unscrewing the knurled nut barrel assembly. The station must be switched off and allowed to cool before and during this operation, as damage may occur if the system is left on without the tip inserted, after removing tip, remove any oxide dust that may have formed in the tip retaining area of the barrel. Be careful to avoid getting dust in your eyes. Replace the tip and screw the retaining knurled nut barrel assembly using only hand pressure to tighten. Pliers should only be used to tighten the nut if loosening occurs when the iron is hot to avoid burning your fingers. Do not over tighten as this would damage the element.

General cleaning

The outer case of the iron or station may be cleaned with a damp cloth using small amounts of liquid detergent Never submerse the unit in liquid or allow any liquid to enter the case of the station. Never use solvent to clean the case.

Warning

1. The appliance is not a toy, and must be kept out of children's hands.
2. Before cleaning the appliance or changing the filter, always remove the power lead plug from the socket. Unscrewing the housing is not permitted
3. This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Return to professional for cord replacement or service.

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